

TENSION FREE VAGINAL TAPE FOR FEMALE STRESS INCONTINENCE IN PATIENTS WHO HAD FAILED TRANS-OBTURATOR TAPE

Hypothesis / aims of study

To evaluate and compare the success rates, complications and patient satisfaction following Tension Free Vaginal Tape(TVT) after a previously failed Trans-obturator tape(TOT).

Study design, materials and methods

Retrospective study of 23 case notes over 2 years(2009-2010) at TGH. Cases were identified from the theatre register. All the surgeries were performed by the same surgeon. Patient satisfaction evaluated with the help of patient questionnaire .

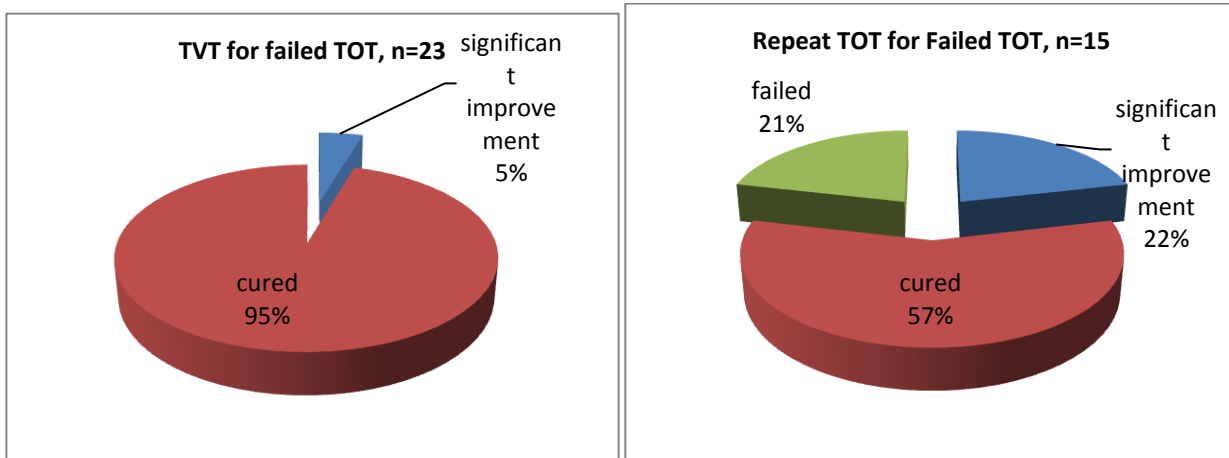
Results

23 patients had TVT following failed TOT. Of these 23 patients, 1 patient did not attend for follow up. 21 patients were completely cured of stress incontinence(success rate 95%).There were no intraoperative complications. Post operative complications included high residuals in 10 patients(43 %),with spontaneous resolution in 5 patients(50%).3 patients needed stretch of the tape in post-operative period.2 patients needed intermittent self catheterisation. Other complications included Urinary tract infection in 3 patients(14%), Wound infection in 1 patient(5%), Denovo urgency in 3 patients (14%).There were no cases of tape erosion.

In a previous study where TOT was repeated for failed primary procedure , presented in the RCOG 8 th international scientific meeting , Abudhabi(December 2009),the success rate was 58%.The sample size of this study was 15.

Interpretation of results

Tension free vaginal tape is the better option for failed trans-obturator tape in terms of success rate. There were no intraoperative complications. High residuals were the most significant post operative findings, 2 patients required intermittent self catheterisation, which eventually resolved. Patient satisfaction survey: Still awaiting the results .Patients have been contacted and consented .



Concluding message

Tension free vaginal tape is the better option for failed trans-obturator tape in terms of success rate. Large population study & randomisation is needed to assess the effectiveness of tension free vaginal tape for failed trans-obturator tape.

Specify source of funding or grant	none
Is this a clinical trial?	No
What were the subjects in the study?	NONE